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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Express Mail Label No.: EI 273 004 882 US		Application Number	Divisional of 09/182,616
		Filing Date	August 20, 1999
		First Named Inventor	Kenji Fukudome
		Group Art Unit	1647
		Examiner Name	Not Yet Assigned
Attorney Docket Number	OMRF 152 DIV(3)	14678 U.S. PTO 09/378261 08/20/99	
Sheet	1	of	14

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
SE		3,625,214		Higuchi	12-07-1971	
U		4,244,946		Rivier	01-13-1981	
U		4,305,872		Johnston, et al.	12-15-1981	
U		4,316,891		Guilleman, et al.	02-23-1982	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office. <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
SE		WO	96/05303		Okla. Med. Res. Found.	02-22-1996		
U		WO	96/20732		Chiron Viagene	07-11-1996		
U		WO	96/21470		Genemedicine, Inc.	07-18-1996		
U		WO	98/20041		Okla. Med. Res. Found	05-14-1998		
U								

Examine Signature	<i>Stephen Zucker</i>	Date Considered	7/15/01
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First Named Inventor		Kenji Fukudome	
Group Art Unit		1697 Not Yet Assigned	
Examiner Name		Not Yet Assigned	
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Sheet	2	of	14

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T <sup>2</sup>
SB		ABE, et al., "Granulocyte proteases and hydrogen peroxide synergistically inactive thrombomodulin of endothelial cells in vitro," <i>J Lab. Clin. Med.</i> 123(6):874-881 (1994).	
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((		BANGALORE, et al., "High affinity binding sites for activated protein C and protein C on cultured human umbilical vein endothelial cells. Independent of protein S and distinct from known ligands," <i>Thromb Haemos</i> 72(3):465-74 (1994).	
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Examiner's Signature	Stephen Bucke	Date Considered	7/15/01
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Examiner Name	Not Yet Assigned				
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56		BOEHME, et al., "Release of thrombomodulin from endothelial cells by concentrated action of TNF- $\alpha$ and neutrophils: <i>in vivo</i> and <i>in vitro</i> studies," <i>Immunology</i> 87:134-140 (1996).	
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Examiner's Signature	<i>Stephen Gacke</i>	Date Considered	7/15/91
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Examiner's Signature	Stephen Juckles	Date Considered	7/15/01
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		Application Number	Divisional of 09/182,616		
		Filing Date	August 20, 1999		
		First Named Inventor	Kenji Fukudome		
		Group Art Unit	1695 Not Yet Assigned		
		Examiner Name	Not Yet Assigned		
Sheet	8	of	14	Attorney Docket Number	OMRF 152 DIV(3)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T <sup>2</sup>
56		LASZIK, et al., "The Human Protein C Receptor Is Present Primarily on Endothelium of Large Blood Vessels," <i>Circulation</i> , 96(10):1-9 (1997).	
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		First Named Inventor	Kenji Fukudome
		Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned		
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JS		MAHER, et al., "Inhibition of DNA binding proteins by oligonucleotide-directed triple helix formation," <i>Science</i> 245(4919):725-30 (1989).	
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		First Named Inventor	Kenji Fukudome
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Examiner Name	Not Yet Assigned		
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56		MULLIGAN, et al., "The basic science of gene therapy," <i>Science</i> 260(5110):926-32 (1993)	
//		NARANG, et al., "Chemical Synthesis of Deoxyoligonucleotides by the Modified Triester Method," in <i>Methods Enzymol.</i> 65:610-620 (1980).	
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Examiner's Signature	<i>Stephen Bucher</i>	Date Considered	7/15/01
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		<p>Filing Date</p> <p><b>August 20, 1999</b></p>			
		<p>First Named Inventor</p> <p><b>Kenji Fukudome</b></p>			
		<p>Group Art Unit</p> <p><b>Not Yet Assigned</b></p>			
		<p>Examiner Name</p> <p><b>Not Yet Assigned</b></p>			
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56		PORCELLI, et al., "CD1b restricts the response of human CD4-8- T lymphocytes to a microbial antigen," <i>Nature</i> . 360(6404):593-7 (1992).	
((		POSTEL, et al., "Evidence that a triplex-forming oligodeoxyribonucleotide binds to the c-myc promoter in HeLa cells, thereby reducing c-myc mRNA levels," <i>Proc Natl Acad Sci U S A</i> . 88(18):8227-31 (1991).	
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Examiner's Signature	<i>Stephen Buckle</i>	Date Considered	7/15/01
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		Filing Date	August 20, 1999		
		First Named Inventor	Kenji Fukudome		
		Group Art Unit	1647		
Examiner Name	Not Yet Assigned				
Sheet	12	of	14	Attorney Docket Number	OMRF 152 DIV(3)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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SC		SADLER, et al., "Structure-Function Relationships of the Thrombin-Thrombomodulin Interaction," <i>Haemostasis</i> 23(suppl 1):183-193 (1993).	
lc		SARIN, et al., "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates," <i>Proc. Natl. Acad. Sci. USA</i> 85(20):7448-7794 (1989).	
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So		TAKAHASHI, et al., "Circulating Thrombomodulin As a Novel Endothelial Cell Marker: Comparison of Its Behavior with von Willebrand Factor and Tissue Type Plasminogen Activator," <i>Am. J. Hematol.</i> 41:32-39 (1992).	
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		Application Number	
		09/378,261	
		Divisional of 09/182,616	
		Filing Date	
		August 20, 1999	
First Named Inventor		Kenji Fukudome	
Group Art Unit		1697	
Examiner Name		Not Yet Assigned	
Attorney Docket Number		OMRF 152 DIV(3)	
Sheet	14	of	14

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T <sup>2</sup>
56		WILLIAMS, et al., The immunoglobulin superfamily--domains for cell surface recognition., <i>Annu Rev Immunol</i> 6:381-405 (1988).	
11		XIE, et al., "Nuclear localization of p185neu tyrosine kinase and its association with transcriptional transactivation," <i>Biochem. Biophys. Res. Comm.</i> 203:1589-1598 (1994).	
11		YE, et al., "The Active Site of Thrombin is Altered Upon Binding to Thrombomodulin - Two Distinct Structural Changes are Detected by Fluorescence, but only one Correlates with Protein C Activation," <i>J. Biol. Chem.</i> 266(34):23016-23021 (1991).	
11		YE, et al., "The Fifth and Sixth Growth Factor-like Domains of Thrombomodulin Bind to the Anion-binding Exosite of Thrombin and Alter Its Specificity," <i>J. Biol. Chem.</i> 267(16):11023-11028 (1992).	
11		YOUNG, et al., "Triple helix formation inhibits transcription elongation in vitro," <i>Proc Natl Acad Sci U S A.</i> 88(22):10023-6 (1991).	
11		ZAMECNIK, et al., "Inhibition of replication and expression of human T-cell lymphotropic virus type III in cultured cells by exogenous synthetic oligonucleotides complementary to viral RNA," <i>Proc Natl Acad Sci U S A.</i> 83(12):4143-6 (1986).	
11		ZAMECNIK, et al., "Inhibition of Rous sarcoma virus replication and cell transformation by a specific oligodeoxynucleotide," <i>Proc Natl Acad Sci U S A.</i> 75:280-284 (1978).	

Examiner's Signature	Stephen Zucker	Date Considered	7/15/01
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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